PowerShot A410-NEW

Product Specification

Type	1/3.2" CCD
Effective Pixels	Approx. 3.2M
Total Pixels	Approx. 3.3M
Aspect Ratio	4:3
Colour Filter Type	Primary Colour
Type	DIGIC II with iSAPS technology
Focal Length	5.4 - 17.3mm (35mm film equivalent: 41-131mm)
Zoom	Optical 3.2x , digital approx. 3.2x (still images), 2.0x (movies), combined approx. 10x (still images) 6.4x (movies)
Maximum f/number	f/2.8 - f/5.1
Construction	7 elements in 6 groups
Type	TTL
AF System / Points	5-point AiAF, 1-point AF (Fixed centre)
AF Modes	Normal/ Macro
Selected AF Point Display	Indicated on rear LCD panel
AF Assist Beam	Yes
Closest Focusing Distance	1.5cm
Metering Modes	Evaluative, Centre-weighted average, Spot (centre)
AE Lock	Locked when shutter button is pressed half way
Exposure Compensation	+/- 2 EV in 1/3 stop increments
ISO Speed Equivalent	AUTO, 50, 100, 200
Type	Mechanical shutter & Electronic shutter
Speed	1 - 1/2,000 sec (Shutter speeds of 1/6 sec. to 1 sec operate with noise reduction)
Type	TTL

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Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Viewfinder	Real-image zoom optical viewfinder
Eyepoint	16 mm
Monitor	1.5" P-Si TFT, approx. 120,000 pixels
Coverage	100%
Brightness	Adjustable to one of fifteen levels
Modes	Auto, Manual Flash On / Off
Slow Sync Speed	Yes
Red-eye Reduction	Yes
Built-in Flash Range	47cm - 3.0m (W) / 2.0m (T) (at ISO AUTO equivalent)
External Flash	Canon's High Power Flash
Modes	Auto, Manual, My Colors (8 settings), Stitch Assist, Movie, Special scene mode (Portrait, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks), Super Macro.
Photo Effects	Vivid, Neutral, Low Sharpening, Sepia, Black & White, My Colors (8 settings)
Drive Modes	Single, Continuous, Self-Timer
Continuous Shooting	Approx. 2.5 fps [1] until the card is full [2]
Image Size	(L)2048 x 1536, (M1)1600 x 1200, (M2)1024 x 768, (S)640 x 480, Postcard Date Imprint
Compression	Superfine, Fine, Normal
Movies	(L)640 x 480 @ 10fps (M)320 x 240 @ 20fps, (S) 160 x 120, 15fps
Movie Length	Up to 3 mins [1]
Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG compression]

Canon Printers	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Movie Print supported on SELPHY CP printers only)
PictBridge	Yes
My Camera	No
Sound Memo	No
Intelligent Orientation Sensor	No
Histogram	No
Playback Zoom	Approx. 2x - 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai
Firmware Update	Update possible by the user.
Computer	USB (Mini-B, PTP)
Type	Secure Digital (SD) Card or MultiMediaCard, 16MB MultiMediaCard supplied
PC	Windows 98SE / Me / 2000 SP4 / XP / XP SP1-2
Macintosh	OS X v10.2 - 10.3
Browsing & Printing	ZoomBrowser EX (PhotoRecord) / ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (Windows 98 / 2000), WIA (Windows Me)
Image Manipulation	ArcSoft PhotoStudio
Batteries	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied)
Battery Life	Approx. 100 shots [1] (with supplied batteries) Approx. 400 shots (with optional Canon NB-2AH batteries) [1] Approx. 780 min. playback (with supplied batteries) Approx. 960 min. playback (with Canon NB-2AH batteries)
AC Power Supply	Optional, AC adapter kit ACK800

Case	Soft Case DCC-400
Flash	High Power Flash HF-DC1
Power Supply & Battery Chargers	Battery Charger Kit CBK4-200, Ni-MH Batteries NB4-200, AC Adapter kit ACK800

Body Materials	Plastic + Aluminium Front
Operating Environment	0 - 40 °C, 10 - 90% humidity
Dimensions	103.0 x 51.8 x 40.3 mm (excluding protrusions)
Weight (body only)	Approx. 150g
Continuous Shooting	¹ Large/Fine with LCD monitor off
	² Depending on memory card speed / capacity
Movie Length	¹ Depending on memory card speed / capacity
Battery Life	¹ Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated

All data is based on Canon standard testing methods.

Subject to change without notice.

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